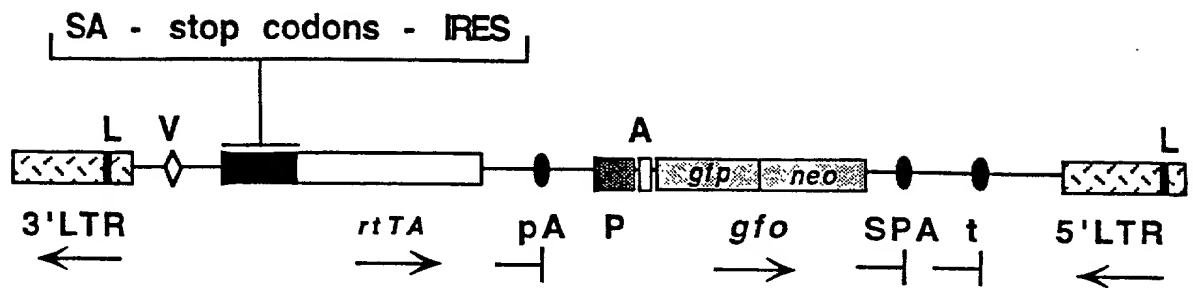


The Retroviral Vector



LTR, long terminal repeats

L, loxP

V, VDE recognition sequence

SA, splice acceptor

IRES, internal ribosome entry site

rtTA, reverse tetracycline dependent transactivator

pA, polyA addition signal

P, promoter

A, adenovirus tripartite leader sequences

gfp, *gfp-neo* hybrid gene

gfp, green fluorescent protein

neo, neomycin phosphotransferase gene

SPA, synthetic polyA site

t, transcription terminator

Figure 1

Insertional Mutagenesis

A. target gene

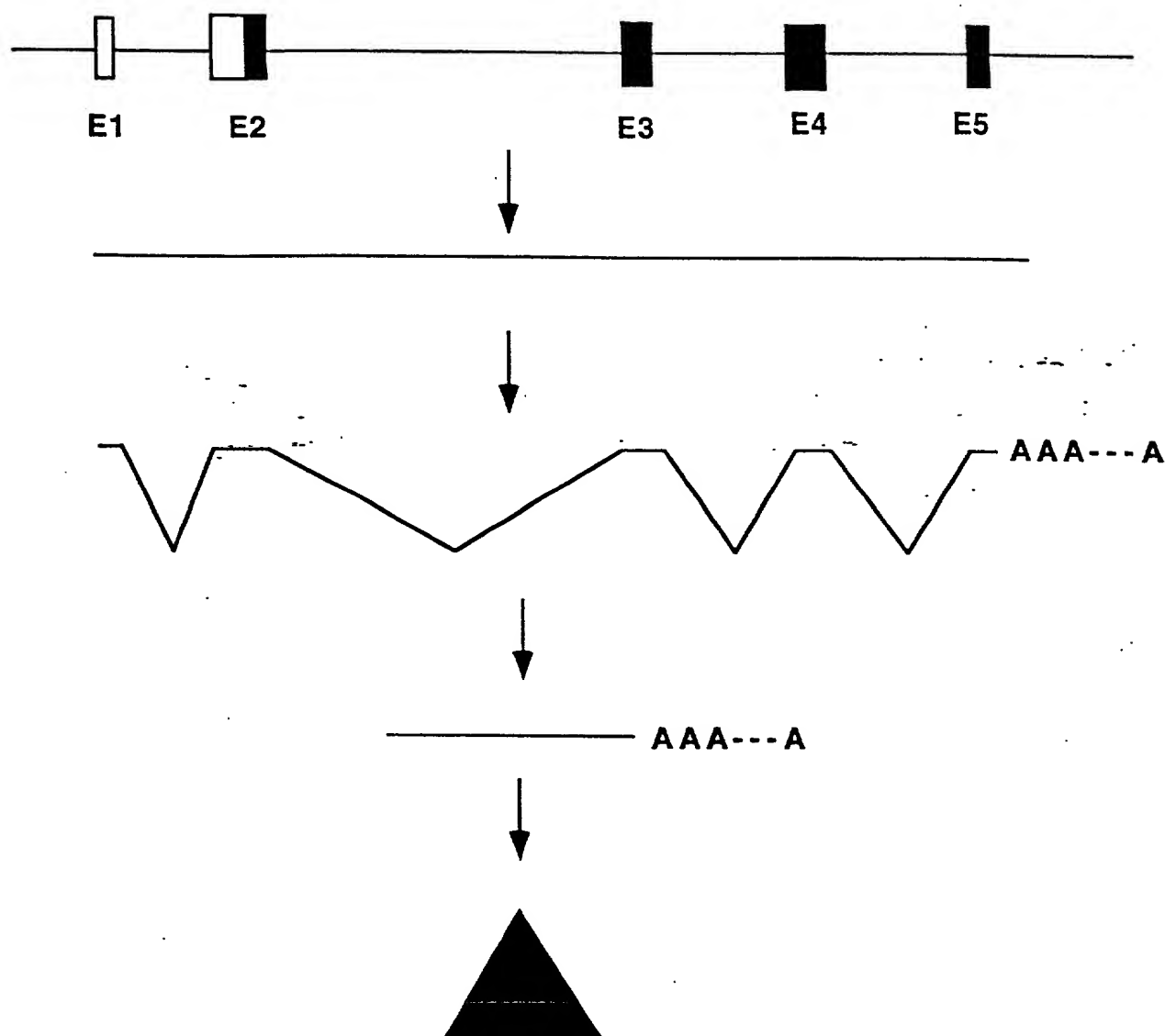


Figure 2.

Insertional Mutagenesis

B. insertion into an exon

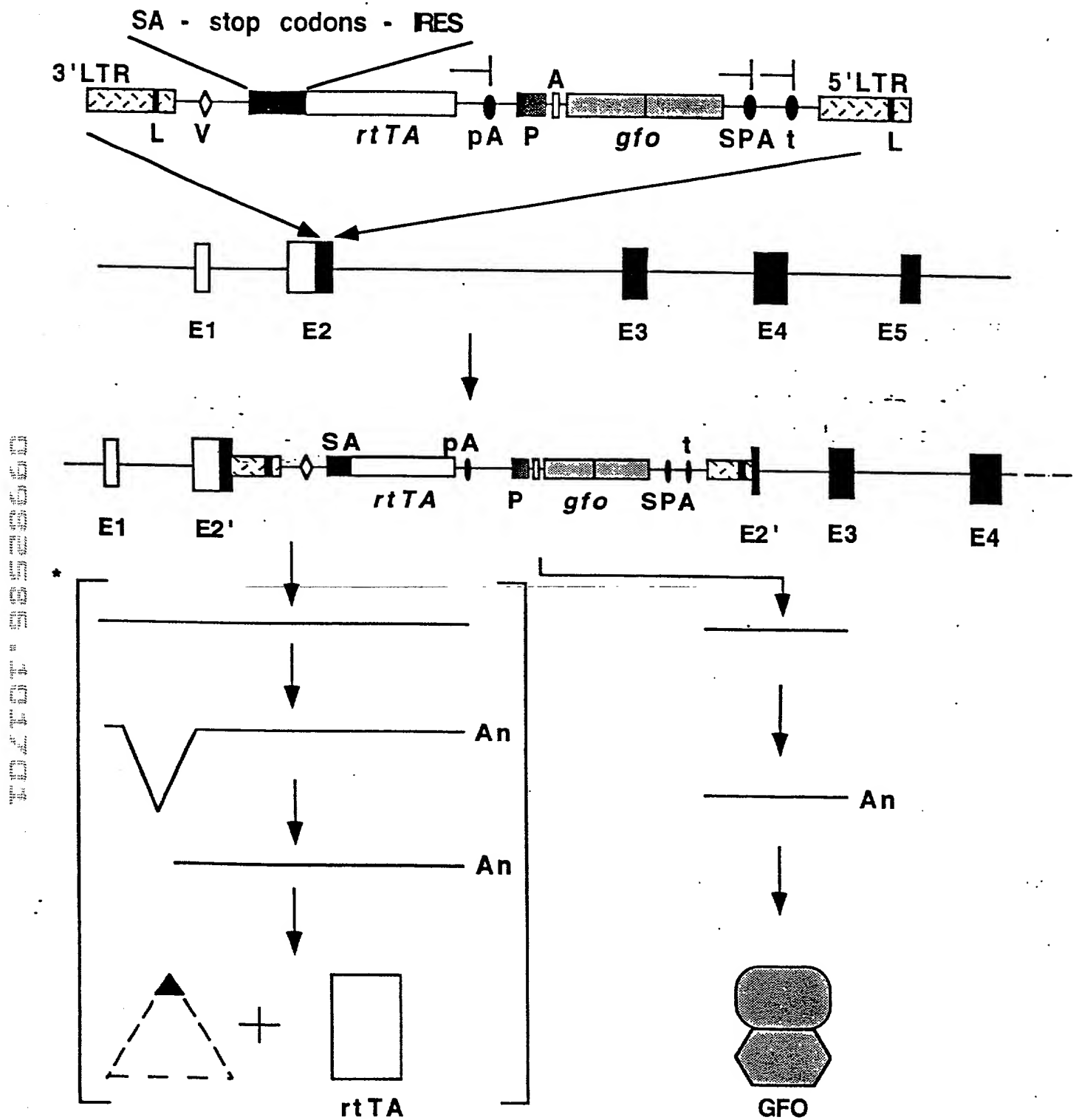


Figure 3